

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A data translation system comprising:
an interface component that receives requests for data from a user; and
a translation component that retrieves data in accordance with the requests and returns the data to the user in a specified language, the translation component comprising an inference component that, upon retrieval, translates result data into one or more languages, the inference component including a context analyzer component to provide a linguistically accurate translation.
2. (Original) The system of claim 1, the interface component comprising a language identification component that determines the specified language of a user.
3. (Original) The system of claim 1, the interface component comprises a conversion component that receives data requests in a plurality of different formats and converts the requests into executable queries on data.
4. (Currently amended) The system of claim 3, ~~wherein~~ the request is a structured query in the user's preferred language.
5. (Currently amended) The system of claim 3, ~~wherein~~ the request is a natural language request.

6. (Currently amended) The system of claim 1, ~~wherein~~ the translation component comprises:

one or more translation tables; and
a mapping component that maps retrieved data to its corresponding translation in a translation table.

7. (Currently amended) The system of claim 6, ~~wherein~~ the translation tables are set up by a database administrator.

8. (Cancelled)

9. (Currently amended) The system of claim [[8]] 1, the inference component including ~~a context analyzer component and~~ a dictionary component to facilitate data translations.

10. (Currently amended) The system of claim [[9]] 1, ~~wherein~~ the context analyzer receives metadata associated with result data.

11. (Currently amended) A database translation system comprising:
an interface component to receive queries;
a translation component that retrieves analytical data from a database in accordance with a query and translates, upon retrieval, the resulting data into one or more user languages, the translation component comprising an inference component that dynamically translates result data into one or more languages, the inference component including a context analyzer component to provide a linguistically accurate translation.

12. (Currently amended) The system of claim 11, ~~wherein~~ the queries are specified in a different language than a base language associated with the database.

13. (Currently amended) The system of claim 11, ~~wherein~~ the queries are specified in natural language.

14. (Currently amended) The system of claim 11, ~~wherein~~ the database is a multidimensional database.
15. (Currently amended) The system of claim 11, ~~wherein~~ the translation component comprises a mapping component that maps resulting metadata and data to translations a translation table.
16. (Original) The system of claim 15, the translation table being set up and managed by a database administrator.
17. (Currently amended) The system of claim 11, ~~wherein~~ the translation component comprises an inference component, which includes a and dictionary component to dynamically generate data translations.
18. (Original) The system of claim 11, further comprising a sort component that receives collation information from a user a sorts resulting data in accordance with the collation information.
19. (Currently amended) The system of claim 18, ~~wherein~~ the collation information includes the language to be used for sorting.
20. (Currently amended) An online analytical processing (OLAP) system comprising:
 - an interface component to receive queries;
 - a translation component that retrieves data and metadata from a multidimensional database in accordance with a query and, upon retrieval, translates resulting data and metadata from a system base language into one or more user languages by utilizing an inference component that translates result data, upon retrieval, into one or more languages, the inference component including a context analyzer component to provide a linguistically accurate translation.

21. (Currently amended) The system of claim 20, ~~wherein~~ the translation component maps resulting data and metadata to a translation table to produce translated data and metadata.
22. (Currently amended) A method of querying a database comprising:
 - receiving a language selection;
 - receiving a query;
 - retrieving data from a database in accordance with the query; ~~and~~
 - dynamically translating the retrieved data, upon retrieval, into the selected language; ~~and~~
 - utilizing context information to provide a linguistically accurate translation.
23. (Currently amended) The method of claim 22, ~~wherein~~ a user selects a language by entering a query in a particular language, the selected language being the particular language used to enter the query.
24. (Currently amended) The method of claim 22, ~~wherein~~ translating the received data comprises retrieving data from a translation table.
25. (Currently amended) The method of claim 22, ~~wherein~~ the data is translated dynamically utilizing a ~~context component and one or more~~ dictionary components.
26. (Currently amended) The method of claim 22, ~~wherein~~ the query is a natural language query.
27. (Currently amended) The method of claim 22, ~~wherein~~ the database is a multidimensional database.
28. (Original) A computer readable medium having stored thereon computer executable instructions for carrying out the method of claim 22.

29. (Currently amended) A method of translating database data comprising:
receiving a language selection;
receiving a query in a first format;
converting the query to a second format;
executing the query on a database; ~~and~~
translating received result data, upon retrieval of the result data, to the selected
language; and
utilizing context information to provide a linguistically accurate translation.
30. (Currently amended) The method of claim 29, ~~wherein~~ the first query format is in
a first language and the second query format is in a second language.
31. (Currently amended) The method of claim 30, ~~wherein~~ the first query format is a
natural language query.
32. (Currently amended) The method of claim 29, ~~wherein~~ translating the result data
comprises mapping data and meta-data to a translation table associated with the selected
language.
33. (Original) The method of claim 29, further comprising sorting the translated data
based on collation properties specified by a user.
34. (Original) A computer readable medium having stored thereon computer
executable instructions for carrying out the method of claim 29.

35. (Currently amended) A method of interaction with a database comprising:
selecting a first language;
entering a query on a database with data stored in a second language; ~~and~~
receiving result data [[in]] ~~translated, upon retrieval, from the second language into the~~
~~first language; and~~
utilizing context information to provide a linguistically accurate translation.
36. (Original) The method of claim 35, the database is a multidimensional database.
37. (Original) A computer readable medium having stored thereon computer executable instructions for carrying out the method of claim 35.
38. (Currently amended) A method of interacting with a database comprising:
specifying a command in a first language;
receiving the command and translating the command into a second language; ~~and~~
performing an operation on a database in accordance with the command; ~~and~~
utilizing context information to facilitate translations in at least one of the
performance of the operation on the database or translation of a queried result, upon
retrieval, to provide a linguistically accurate translation.
39. (Currently amended) The method of claim 38, ~~wherein~~ the command is to store
[[a]] data in the database.
40. (Currently amended) The method of claim 38, ~~wherein~~ translating the command into a second language includes translating a natural language command into a structured command in the base language of the system.
41. (Original) A computer readable medium having stored thereon computer executable instructions for carrying out the method of claim 38.